

What is claimed is:

1. [Amended] A surface mount connector for mounting and connecting first and second circuit devices, each device having a substantially planar major surface, the devices to be connected with their respective major surfaces substantially perpendicular, the connector comprising:

a conductive body comprising a base section and a transverse section, the base section comprising a [generally] planar section for connecting to the major surface of the first device and the transverse section comprising a [generally] planar section substantially perpendicular to the base section for connecting to the major surface of the second circuit device;

the base section having a width greater than the width of the transverse section and a length extending beyond the transverse section, so that the base section extends beyond the transverse section in front, behind and on both sides.

2. [Previously presented] The surface mount connector of claim 1 wherein the second circuit device is a substantially planar circuit device having an edge perpendicular to the major surface of the second device and the base section extends beyond the transverse section on both sides to connect to the edge of the second circuit device.

3. [Previously presented] The surface mount connector of claim 1 wherein the conductive body comprises a sheet of metal with the transverse section bent perpendicular to the base section.

4. [Previously presented] The surface mount connector of claim 1 wherein the base section extends beyond the transverse section by a length substantially equal to the height of the transverse section.

5. [Previously presented] The surface mount connector of claim 1 wherein the conductive body comprises a rectangular sheet of metal having a width W and a length L and the transverse section comprises a rectangular portion of the sheet of width $w < W$ and length $l < L$ bent substantially perpendicular to the remaining portion of the sheet.

6. [Previously presented] The surface mount connector of claim 1 wherein the conductive body comprises copper.

7. [Previously presented] The surface mount connector of claim 1 wherein the conductive body comprises one or more solderable surfaces.

8. [Previously presented] A connected circuit assembly comprising:

a first circuit device having a generally planar major surface;

a second generally planar circuit device having a major surface and an edge, the second circuit device perpendicularly mounted on the major surface of the first device by the surface mount connector of claim 1.

9. [Previously presented] A connected circuit assembly comprising:

a first circuit device having a generally planar major surface;

a second generally planar circuit device having a major surface and an edge, the second circuit device perpendicularly mounted on the major surface of the first device by the surface mount connector of claim 2.

10. [Previously presented] A connected circuit assembly comprising:

a first circuit device having a generally planar major surface;

a second generally planar circuit device having a major surface and an edge, the second circuit device perpendicularly mounted on the major surface of the first device by the surface mount connector of claim 5.